

Applicants: Nolan et al.
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In the Claims

Please amend claims 21 and 25 to read as follows:

21. (Twice Amended) A method for the ex vivo introduction of at least one chromosome into a eukaryotic cell, wherein said cell is not a plant cell, said method comprising contacting at least one chromosome ex vivo substantially simultaneously with the application of an electric pulse to the cell under conditions sufficient to cause transformation of said cell by said chromosome, wherein the at least one chromosome is a gene-bearing DNA/protein complex, a natural human chromosome, a mammalian chromosome, an artificial chromosome, or a yeast chromosome, and wherein said at least one chromosome is encapsulated in a liposome or micelle.

25. (Amended) The method of claim 24, wherein the verifying involves fluorescence activated cell sorting of the cells to obtain those that contain the at least one chromosome.